FIG. 1

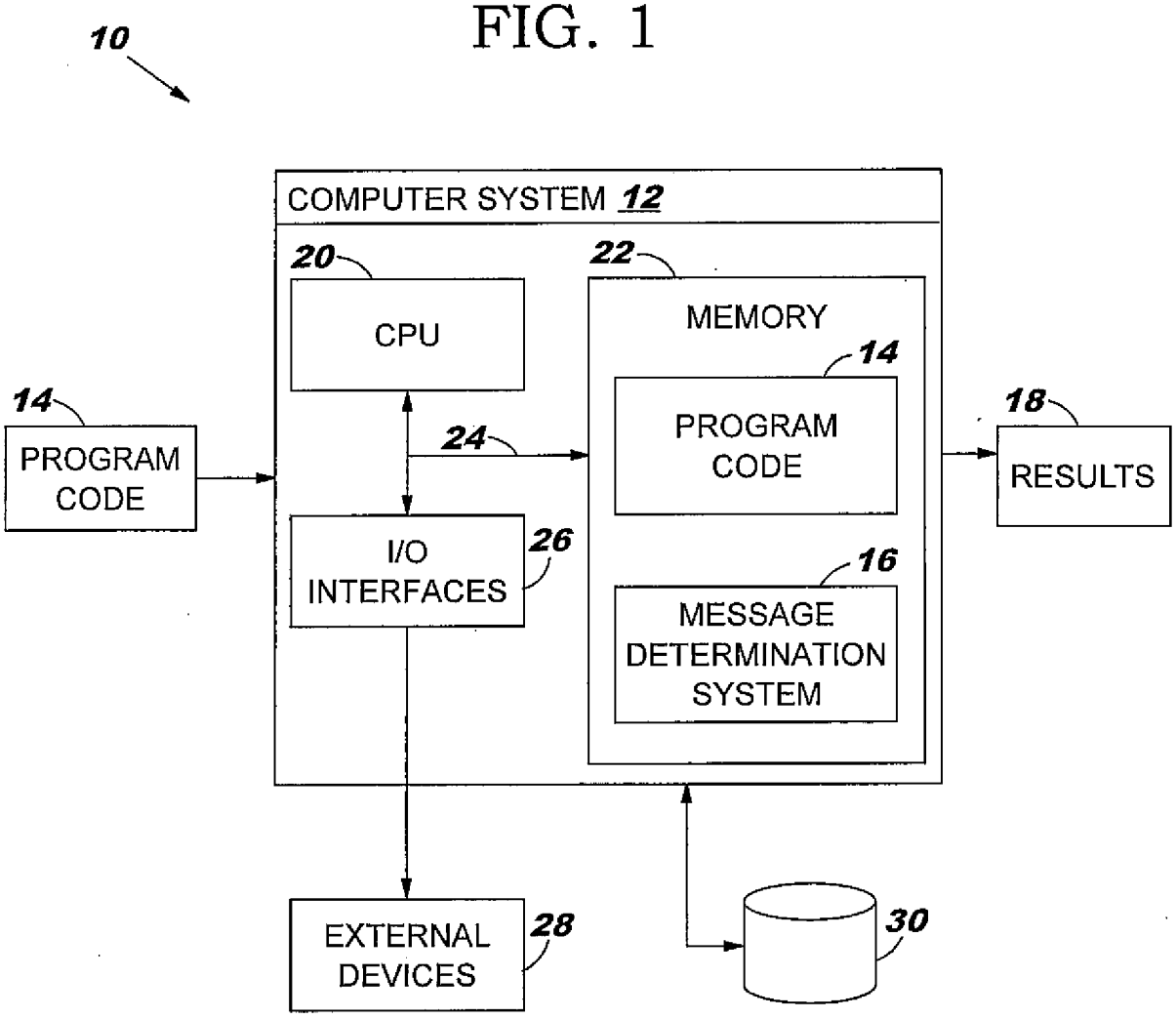

10
COMPUTER SYSTEM 12
20
CPU
22
MEMORY
14
PROGRAM CODE
14
PROGRAM CODE
24
18
RESULTS
I/O INTERFACES
26
16
MESSAGE DETERMINATION SYSTEM
EXTERNAL DEVICES
28
30

FIG. 2

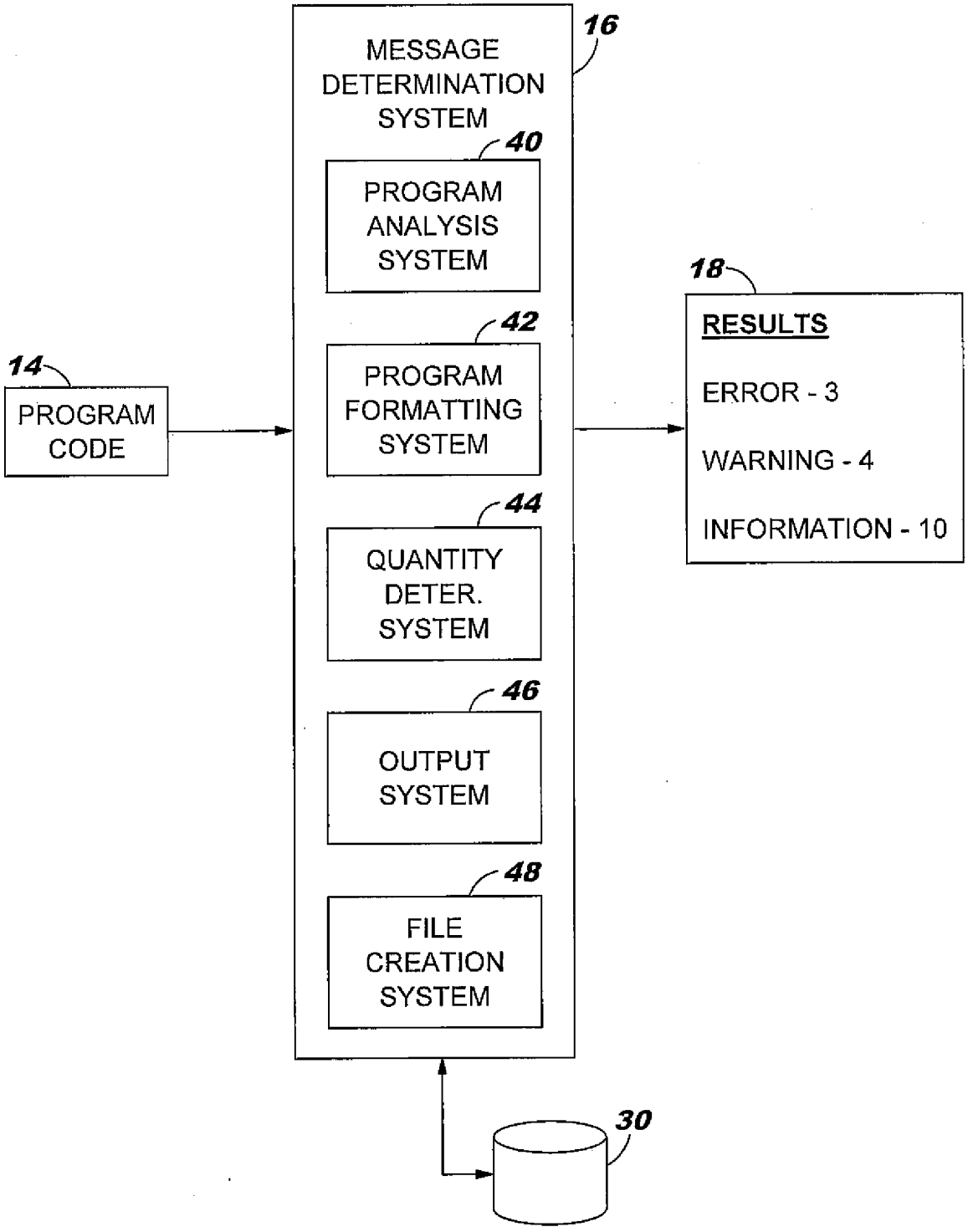
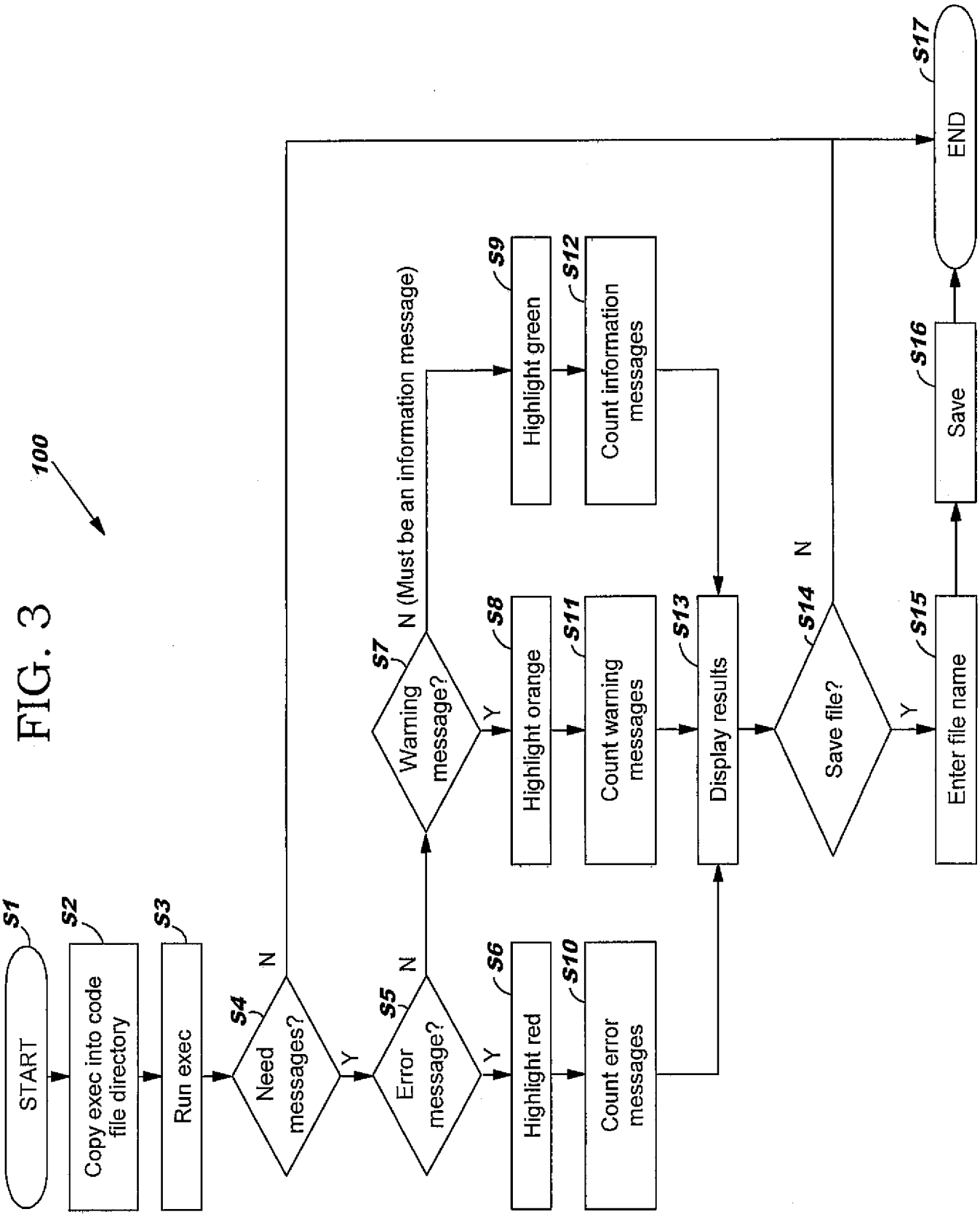

MESSAGE DETERMINATION SYSTEM
16
40
PROGRAM ANALYSIS SYSTEM
42
PROGRAM FORMATTING SYSTEM
44
QUANTITY DETER. SYSTEM
46
OUTPUT SYSTEM
48
FILE CREATION SYSTEM
14
PROGRAM CODE
18
RESULTS
ERROR - 3
WARNING - 4
INFORMATION - 10
30

FIG. 3


100
START
S1
Copy exec into code file directory
S2
Run exec
S3
Need messages?
S4
N
Y
Error message?
S5
N
Y
Highlight red
S6
Count error messages
S10
Warning message?
S7
N (Must be an information message)
Y
Highlight orange
S8
Count warning messages
S11
Highlight green
S9
Count information messages
S12
Display results
S13
Save file?
S14
N
Y
Enter file name
S15
Save
S16
END
S17